

REMARKS

Favorable reconsideration and allowance of the subject application are respectfully requested in view of the following remarks.

Summary of the Office Action

Claims 1-6, 8 and 10-12 stand rejected under 35 U.S.C. §103(a) as being unpatentable over *Zhong et al.* (U.S. Patent No. 5,994,721) in view of *Narita et al.* (U.S. Patent No. 5,555,114) or *Itou et al.* (JP 08297280).

Claims 7, 9 and 13 stand rejected under 35 U.S.C. §103(a) as being unpatentable over *Zhong et al.* in view of *Narita et al.* or *Itou et al.*, and further in view of *Kadota et al.* (U.S. Patent No. 5,818,550).

Summary of the Response to the Office Action

Applicant amends claims 1 and 8 by this amendment. Claims 1-13 remain currently pending.

Claim Rejections Under 35 U.S.C. §103(a)

Claims 1-6, 8 and 10-12 stand rejected under 35 U.S.C. §103(a) as being unpatentable over *Zhong et al.* in view of *Narita et al.* or *Itou et al.* To the extent that the rejection might be traversed, Applicant, by this amendment, it is respectfully traversed for at least the following reasons.

As mentioned, for example, at paragraph [0004] of the specification, an LCD is classified into a transmissive or reflective type display. In particular, a transmissive-type LCD includes a back light, and a reflective-type LCD does not require a back light. An embodiment of the

present invention as claimed is a reflective liquid crystal display. Specifically, according to the claimed combinations, when an incident light is transmitted onto a substrate, the color filters reflect a light of a specific wavelength for displaying an image.

In contrast to the claimed combinations as a whole, *Zhong et al.* appears to be a transmissive-type LCD. *Zhong et al.* discloses “[t]ypically, a backlight is provided rearward of polarizer 41 so that light emitted therefrom first goes through polarizer 41, then through LC layer 45, and out of polarizer 53 toward the view.” Column 14, lines 39-42 of *Zhong et al.*

Accordingly, it is respectfully submitted that *Zhong et al.* fails to teach or suggest the claimed combination as set forth in independent claim 1, as newly-amended, including at least a reflective liquid crystal display device, “wherein when an incident light is transmitted from the first substrate through the liquid crystal layer onto the second substrate, the color filters reflect a light of a specific wavelength for displaying an image.” In addition, it is respectfully submitted that *Zhong et al.* fails to teach or suggest the claimed combination as set forth in independent claim 8, as newly-amended, including at least an array substrate for a reflective liquid crystal display, “wherein when an incident light is transmitted onto the substrate, the color filters reflect a light of a specific wavelength for displaying an image.”

The Office Action further cites *Narita et al.* and *Itou et al.* to combine with *Zhong et al.* Applicant respectfully submits that *Zhong et al.* appears to relate to a transmissive-type LCD while *Narita et al.* or *Itou et al.* appears to relate to a reflective-type LCD. Thus, Applicant respectfully submits that the cited references relate to different subject matter and different fields of endeavor. As a result, Applicant respectfully submits that there is no motivation taught or

suggested in the prior art to combine the teachings of *Zhong et al.* with the teachings of *Narita et al.* or *Itou et al.*

Moreover, the Office Action asserts that “[a] person of ordinary skill is motivated to modify Zhong with Narita or Itou to obtain better, sharper image due to the selective characteristic of the CLC.” Page 3, lines 9-10 of the Office Action. However, Applicant strongly maintains that a person of ordinary skill is not “motivated to modify Zhong with Narita or Itou...due to the selective characteristic of the CLC,” as asserted by the Office Action, at least because *Narita et al.* and *Itou et al.* are not concerned with a transmissive-type LCD using a back light, as taught by *Zhong et al.*

In addition, the improvement purported to be provided by the combination of the color filters having cholesteric liquid crystal of *Narita et al.* or *Itou et al.* with the arrangement of *Zhong et al.* including backlighting is not relevant for obtaining images, as asserted by the Office Action. See page 3, lines 17-18 of the Office Action. For example, as a back light typically is arranged at a rear side of a display device (hence the name “back light”), any light transmitted onto the color filter would be reflected toward the rear side of the display device due to the characteristic of the CLC. Thus, the reflected light by the color filters are not for displaying an image or “to obtain better, sharper image due to the selective characteristic of the CLC” as asserted by the Office Action. See page 3, line 10 of the Office Action. Thus, it would not have been obvious to have combine the references in the manner suggested by the Office Action.

At least because there is no motivation taught or suggested in the prior art to combine the teachings of *Zhong et al.* with the teachings of *Narita et al.* or *Itou et al.*, it is respectfully

submitted that the rejection under 35 U.S.C. §103(a) is improper. Accordingly, withdrawal of the rejection of claims 1-6, 8 and 10-12 under 35 U.S.C. §103(a) is respectfully requested.

Claims 7, 9 and 13

Claims 7, 9 and 13 stand rejected under 35 U.S.C. §103(a) as being unpatentable over *Zhong et al.* in view of *Narita et al.* or *Itou et al.*, and further in view of *Kadota et al.* The rejection is respectfully traversed for at least the following reasons.

Applicant respectfully submits that claim 7, 9 and 13 are allowable at least because of their dependence upon claims 1 and 8, and for the reasons set forth above. In addition, Applicant respectfully submits that there does not exist motivation or suggestion in the prior art to combine *Zhong et al.*, *Narita et al.*, and *Kadota et al.* or to combine *Zhong et al.*, *Itou et al.*, and *Kadota et al.* to arrive at Applicant's claimed invention without impermissible hindsight. Accordingly, withdrawal of the rejection of claims 7, 9 and 13 under 35 U.S.C. §103(a) is respectfully requested.

Conclusion

In view of the foregoing, withdrawal of the rejections and allowance of the pending claims are earnestly solicited. Should there remain any questions or comments regarding this number listed below.

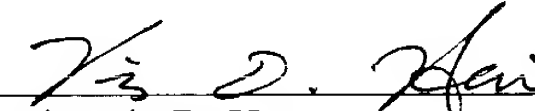
If there are any other fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-0310. If a fee is required for an extension of time under

37 C.F.R. § 1.136 not accounted for above, such extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

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